

Tactical Medical Coordination System (TacMedCS)

Purpose: Support Marine Corps Systems Command and the Navy Medical Department to develop a prototype system to enhance casualty evacuation via an *individual casualty locator* and provide an electronic, redundant patient treatment record retrievable from external locations.

Background: No current system exists to ease locating casualties for evacuation and to provide treatment record redundancy. The relevant operation requirements document 95334D-E07 and the JV2010 *En route Care Seminar* indicated that this capability is needed to support emerging concepts.

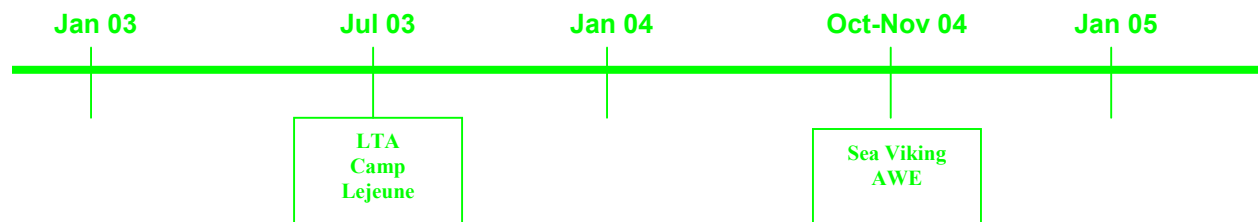
Description: Conceptually, the Tactical Medical Coordination System is like *FEDEX for casualties*. The concept is based on a radio frequency tag worn by an individual that acts as a digital treatment record. This system differs from SMARTCARD and other alternative approaches to digital medical information.



TacMedCS is appealing because it is an RF based system, which doesn't require contact with the device to be able to read and write data. There is no need to remove clothing or protective gear. The tag has been tested through MOPP gear, Kevlar, body armor, and various other forms of military clothing. The tag is passive. It transmits nothing until it is interrogated.

Deliverable Products: Universal Needs Statement, prototype hand-held concept demonstrator, and assessment reports.

Milestones:



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